

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Listing of Claims:

Claims 1-12 (Cancelled).

Claim 13 (Currently Amended): An acoustic insulating glazing unit comprising:
at least two substrate sheets, joined together around their periphery using a device
~~that forms a sealed joint/spacer frame, the sealed joint/spacer frame defining which device,~~
with the two substrate sheets, ~~defines a flat cavity that is filled with a gas;~~
~~an interior frame arranged inside the flat cavity in a periphery of the flat cavity,~~
~~wherein side walls of the interior frame and internal walls of the at least two substrate~~
sheets define
~~wherein formed over at least part of a periphery of the cavity is at least one~~
~~microcavity, that constitutes constituting a zone of thermoviscous losses from the flat cavity~~
along at least one of internal walls of the two substrate sheets ~~by which the cavity is bounded,~~
~~and the dimensions of the at least one microcavity is configured to promote promoting~~
propagation of at least some of the acoustic waves from the flat cavity into the at least one
microcavity, ~~generating thermoviscous losses and thus and thereby reducing an acoustic~~
energy of the flat cavity;
~~means being provided to contain the acoustic waves escaping from the at least one~~
~~microcavity.~~

Claim 14 (Currently Amended): The glazing unit as claimed in claim 13, wherein the
at least one microcavity ~~is in a form of a thin layer, has a width of which is between 0.2 mm~~
and 1 mm, ~~limits inclusive,~~ and a ~~useful height of which is at least equal to 6 mm.~~

Claim 15 (Currently Amended): The glazing unit as claimed in claim 14, wherein the height of the thin layer at least one microcavity is at least equal to 11 mm.

Claim 16 (Cancelled).

Claim 17 (Currently Amended): The glazing unit as claimed in claim 16, wherein the at least one microcavity is interior frame is arranged formed on each of faces of the glazing unit, and around an entire periphery of the glazing unit, and forms two microcavities between the internal walls of a first and a second substrate sheets of the at least two substrate sheets.

Claim 18 (Currently Amended): The glazing unit as claimed in claim 13, wherein the interior frame includes an inner chamber and opening slots that are arranged in the side walls of the interior frame, the at least one microcavity is formed between an internal wall of a substrate sheet and a facing wall of a section placed at an internal periphery of the cavity and defining an inner chamber that communicates with the at least one microcavity by at least one opening made in the facing wall of the section, the inner chamber configured to contain receive the acoustic waves escaping from the at least one microcavity through the opening slots.

Claim 19 (Currently Amended): The glazing unit as claimed in claim 18, wherein an opening is the opening slots are formed by a at least one of a continuous or and discontinuous longitudinal slot provided in a lower part that is closer to the outer periphery of the glazing unit of the side walls of the interior frame of the section opposite the flat cavity.

Claim 20 (Currently Amended): The glazing unit as claimed in claim 19, wherein a height of the slot is ~~of the order of~~around 1 mm.

Claim 21 (Currently Amended): The glazing unit as claimed in claim 18, wherein the ~~section is formed by an element of at least~~interior frame has a U-shaped cross section arranged so that, ~~a bottom of the U-shape cross section which is in contact with~~faces the gas-filled cavity, and flanges ~~the side walls~~ define the inner chamber, and the flanges each ~~and also~~ define the at least one microcavity with the ~~facing~~internal wall of the substrate ~~sheets and cooperate by their base with the device that forms the sealed joint/spacer frame.~~

Claim 22 (Currently Amended): The glazing unit as claimed in claim 21, wherein the ~~device forming the sealed joint/spacer frame includes:~~

~~an insert frame having a bottom portion that is in contact with a peripheral gasket that adheres to internal edges of the two facing walls of the~~ substrate sheets, and ~~-flanges placed opposite the substrate sheets with interposition of a continuous or discontinuous bonding/sealing bead,~~

wherein the U-shaped cross section for forming the at least one microcavity being attached to the insert frame or being formed as one piece with the insert frame, in which case the flanges of the insert frame are extended to form those of the U-shaped section.

Claim 23 (Currently Amended): The glazing unit as claimed in claim 21, wherein the ~~device forming the sealed joint/spacer frame includes:~~

a peripheral foil that adheres to edges of the two substrate sheets, wherein the U-shaped section for forming the at least one microcavity being is attached to the foil.

Claim 24 (Currently Amended): The glazing unit as claimed in claim 13, wherein one substrate sheet is formed by at least one of a monolithic glass, a laminated glass, ~~or~~and an acoustic laminated glass.